| | | Exploring Aeron | autics |
|----------------------------------|-------|-----------------|--|
| | | 2005 Science | ce |
| | | Content Stand | ards |
| Hawaii Science | | | |
| Grade 5 | | | |
| Activity/Lesson | State | Standards | |
| Tools of Aeronautics(257-326) | HI | SCI.5.SC.5.2.1 | Use models and/or simulations to represent and investigate features of objects, events, and processes in the real world |
| Acionaulics(257-320) | 1 11 | 301.3.30.3.2.1 | Use models and/or simulations to represent and |
| The Tools of | | SCI.5.SC.5.2.1 | investigate features of objects, events, and processes in the real world |
| Aeronautics | HI | 301.3.30.3.2.1 | |
| | | | Identify the variables in scientific investigations |
| Caianaa of Eliabt | | 001500511 | and recognize the importance of controlling |
| Science of Flight | HI | SCI.5.SC.5.1.1 | variables in scientific experiments |
| O : (F): 14 | | 201502540 | Formulate and defend conclusions based on |
| Science of Flight | HI | SCI.5.SC.5.1.2 | evidence |
| | | | Identify the variables in scientific investigations |
| Scientific Method(124- | | | and recognize the importance of controlling |
| 144) | HI | SCI.5.SC.5.1.1 | variables in scientific experiments |
| Scientific Method(124- | | | Formulate and defend conclusions based on |
| 144) | HI | SCI.5.SC.5.1.2 | evidence |
| | | | |
| | | Exploring Aeron | autics |
| | | 2005 Scienc | ce |
| | | Content Stand | ards |
| Hawaii Science | | | |
| Grade 6 | | | |
| Activity/Lesson | State | Standards | |
| | | | |
| Fundamentals of | | | Describe examples of how forces affect an |
| Aeronautics (145-176) | HI | SCI.6.SC.6.7.1 | object's motion |
| Airplane Control(209- | | | Describe examples of how forces affect an |
| 256) | НІ | SCI.6.SC.6.7.1 | object's motion |
| 200) | | 301.0.30.011.1 | Describe examples of how forces affect an |
| How an Airplane Flies | н | SCI.6.SC.6.7.1 | object's motion |
| 110W di17 tilpiane 1 iles | | 301.0.00.017.11 | Formulate a testable hypothesis that can be |
| Science of Flight | н | SCI.6.SC.6.1.1 | answered through a controlled experiment |
| Colonico or r light | | 301.0.00.0111 | Use appropriate tools, equipment, and |
| | | | techniques safely to collect, display, and analyze |
| Science of Flight | н | SCI.6.SC.6.1.2 | data |
| ocience of Flight | 111 | 301.0.30.0.1.2 | Explain how technology has an impact on |
| Science of Flight | н | SCI.6.SC.6.2.1 | _ · |
| Science of Flight | 1 11 | 301.0.30.0.2.1 | society and science |
| Science of Flight | ш | SCI 6 SC 6 7 4 | Describe examples of how forces affect an |
| Science of Flight | HI | SCI.6.SC.6.7.1 | object's motion |
| Scientific Method(124- | ш | 001600644 | Formulate a testable hypothesis that can be |
| 144) | HI | SCI.6.SC.6.1.1 | answered through a controlled experiment |
| 0 : | | | Use appropriate tools, equipment, and |
| Scientific Method(124- | ļ | 00100001 | techniques safely to collect, display, and analyze |
| 144) | HI | SCI.6.SC.6.1.2 | data |
| | | | |
| | | Exploring Aeron | |
| | | 2005 Science | Ce Commonwealth Co |

| | | Content Standa | ards | | | |
|------------------------|-------|-----------------|---|--|--|--|
| Hawaii Science | | | | | | |
| Grade 7 | | | | | | |
| Activity/Lesson | State | Standards | | | | |
| | | | Design and safely conduct a scientific investigation to answer a question or test a | | | |
| Science of Flight | н | SCI.7.SC.7.1.1 | hypothesis | | | |
| | | | Design and safely conduct a scientific | | | |
| Scientific Method(124- | | | investigation to answer a question or test a | | | |
| 144) | HI | SCI.7.SC.7.1.1 | hypothesis | | | |
| | | Exploring Aeron | autics | | | |
| 2005 Science | | | | | | |
| Content Standards | | | | | | |
| Hawaii Science | | | | | | |
| Grade 8 | | | | | | |
| Activity/Lesson | State | Standards | | | | |
| | | | Describe how scale and mathematical models | | | |
| Tools of | | | can be used to support and explain scientific | | | |
| Aeronautics(257-326) | HI | SCI.8.SC.8.2.2 | data | | | |
| | | | Describe how scale and mathematical models | | | |
| The Tools of | | | can be used to support and explain scientific | | | |
| Aeronautics | HI | SCI.8.SC.8.2.2 | data | | | |
| | | | Determine the link(s) between evidence and the | | | |
| Science of Flight | HI | SCI.8.SC.8.1.1 | conclusion(s) of an investigation | | | |
| | | | Communicate the significant components of the | | | |
| | | 201222 | experimental design and results of a scientific | | | |
| Science of Flight | HI | SCI.8.SC.8.1.2 | investigation | | | |
| | | | Describe significant relationships among society, | | | |
| | | | science, and technology and how one impacts | | | |
| Science of Flight | HI | SCI.8.SC.8.2.1 | the other | | | |
| Scientific Method(124- | | 001000011 | Determine the link(s) between evidence and the | | | |
| 144) | HI | SCI.8.SC.8.1.1 | conclusion(s) of an investigation | | | |
| Onion416 - M-411/404 | | | Communicate the significant components of the | | | |
| Scientific Method(124- | | 001000010 | experimental design and results of a scientific | | | |
| 144) | HI | SCI.8.SC.8.1.2 | investigation | | | |